

Substitute for form 1449A/PTO 12/03/2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)	Complete if Known	
	Application Number	Unknown 10/727,301
	Filing Date	Herewith
	First Named Inventor	Lean et al.
	Art Unit	Unknown
	Examiner Name	Unknown
Sheet 1 of 3	Attorney Docket No.	D/A3236 (XERZ 2 00606)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Qn	AA	US- 4,473,452	09/1984	Cantor et al.	
Qn	AB	US- 4,647,179	03/1987	Schmidlin	
Qn	AC	US- 4,737,251	04/1988	Carle et al.	
Qn	AD	US- 6,272,296	08/2001	Gartstein	
	AE	US-			
	AF	US-			
Qn	AG	US-2001/0023825	09/2001	Frumin et al.	
Qn	AH	US-2003/0027135	2/2003	Ecker et al.	
Qn	AI	US-2003/0034290	2/2003	Tochikubo et al.	
Qn	AJ	US-2003/0015467	1/2003	Johnston et al.	
	AK	US-			
	AL	US-			

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
Qn	AM	WO 99/36357	07/1999	PCT		<input type="checkbox"/>
Qn	AN	WO 00/73780	12/2000	Leisa-Mon (Israel), Ltd.		<input type="checkbox"/>
	AO					<input type="checkbox"/>
	AP					<input type="checkbox"/>

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
Qn	AQ	British Berkefeld, James Filter, http://www.jamesfilter.com/ , June 23, 2003	<input type="checkbox"/>
Qn	AR	Filtros Ltd., Filtros, http://www.filtrosLtd.com/ , June 23, 2003	<input type="checkbox"/>
Qn	AS	REI, http://www.rei.com/ , June 23, 2003	<input type="checkbox"/>
	AT		<input type="checkbox"/>
	AU		<input type="checkbox"/>
	AV		<input type="checkbox"/>

Examiner Signature	Alto Neguerola	Date Considered	4/13/07
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an	BA	US- 5,208,458	05/1993	Busch et al.	
an	BB	US- 5,534,121	07/1996	Merrick et al.	
an	BC	US- 5,653,859	08/1997	Parton et al.	
an	BD	US- 5,837,116	11/1998	Harrington et al.	
an	BE	US- 6,358,752	03/2002	Durst et al.	
an	BF	US- 6,398,933	06/2002	Scott	
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an	BH	US2002/0144895	10/2002	Stern et al.	
	BI				
	BJ				
	BK	US-			
	BL	US-			

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	BO					<input type="checkbox"/>
	BP					<input type="checkbox"/>

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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
an	BQ	SCOTT RUDGE et al., Electroseparations (Electrophoresis), Encyclopedia of Chemical Technology, 4th Edition, Vol. 9, pp 356-376 <i>date unknown</i>		<input type="checkbox"/>
an	BR	O'HARA et al., Ratcheting Electrophoresis Microchip (REM) for Programmable Transport and Separation of Macromolecules, MEMS, November 11-16, 2001, pp. 619-628, Vol. 3, ASME, USA		<input type="checkbox"/>
	BS			<input type="checkbox"/>
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	BU			<input type="checkbox"/>
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Examiner Signature	<i>Clb Nozuerola</i>	Date Considered	4/13/07
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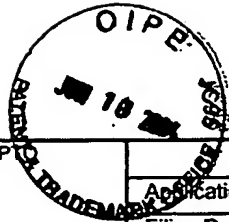
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)	Complete if Known	
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	First Named Inventor	Lean et al.
	Art Unit	Unknown
	Examiner Name	Unknown
Sheet 3 of 3	Attorney Docket No.	D/A3236 (XERZ 2 00606)

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	CA	US-			
	CB	US-			
	CC	US-			
	CD	US-			
	CE	US-			
	CF	US-			

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	CG					
	CH					
	CI					
	CJ					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				T
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
Am	CK	DUNPHY et al., <i>Rapid Separation and Manipulation of DNA by a Ratcheting Electrophoresis Microchip (REM)</i> , November 17-22, 2002, pp. 419-423, ASME, USA		
Am	CL	Proteome Systems, Products, Website, <i>ElectrophoretIQ</i> , 2002 at http://www.proteomesystems.com/product/product.asp?ProductID=43 and http://www.proteomesystems.com/product/profile.asp?DocumentID=662		
Am	CM	ISC Buyers' Guide, Website, <i>Electrophoresis, 2D Gel</i> , 2002, at http://www.iscpubs.com/bg/us/prod/prod1991.html		
Am	CN	EMBL's Proteomics Visitor Facility, Website, <i>2D Gel Equipment, Protean 2D Cells from Bio-Rad</i> , 2001, at http://mann.embl-heidelberg.de/Visitor_Facility/PageLinks/Instrumentation/GelchamberMain.html , and <i>Protean IEF Cell from Bio-Rad</i> , at http://www.mann.embl-heidelberg.de/Visitor_Facility/PageLinks/Instrumentation/ECCellMain.html		
Am	CO	JAMES R. JEFFERIES,, <i>2D Gel Electrophoresis for Proteomics Tutorial</i> , pp. 1-24 at http://www.aber.ac.uk/parasitology/Proteome/Tut_2D.html (last tutorial update: 07th/01/03)		
Am	CP	The Scripps Research Institute, Website, <i>Proteomics Module</i> , 2003, pp. 1-3 at http://core-eye.scripps.edu/proteomics.htm		
Am	CQ	2D Protocols, Website, <i>Analysis of Proteins Using Small Format 2D Gel Electrophoresis</i> , 2000, pp. 1-5, at http://www.abdn.ac.uk/~mmb023/protocol.htm		
Am	CR	Biowire.com, Website, <i>The Nucleus</i> , 2000-2002, pp. 1-4, at http://www.biowire.com/nucleus/nucleus_1_3.jsp		
Am	CS	Bio-Rad Laboratories, Website, <i>Electrophoresis</i> , 2003, at http://www.bio-rad.com/B2B/BioRad/product/br_category.jsp		

Examiner Signature	<i>Ally Noyera</i>	Date Considered	4/13/07
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Substitute for form 1449A/P INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)	Complete if Known	
	Application Number	10/727,301
	Filing Date	June 3, 2003
	First Named Inventor	Lean et al.
	Art Unit	1645
	Examiner Name	N/A
Sheet 1 of 1	Attorney Docket No.	A3236 (XERZ 2 00606)

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CA	AA	US-6,499,831	12/2002	Schmidlin	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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	AP					<input type="checkbox"/>

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	AS		<input type="checkbox"/>
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Examiner Signature	<i>Ally Nazareno</i>	Date Considered	4/13/07
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	Art Unit	1645
	Examiner Name	N/A
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CB	AA	US-6,296,752	2/2001	McBride et al.	
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
AM	AM	JP 60242358	02/1985	Hitachi Ltd.		<input type="checkbox"/>
CA	AN	DE 10223127	05/2002	Fraunhofer-Gesellschaft		<input type="checkbox"/>
	AO					<input type="checkbox"/>
	AP					<input type="checkbox"/>

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Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
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	AR		<input type="checkbox"/>
	AS		<input type="checkbox"/>
	AT		<input type="checkbox"/>
	AU		<input type="checkbox"/>
	AV		<input type="checkbox"/>

Examiner Signature	<i>CB Hagerola</i>	Date Considered	4/13/07
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